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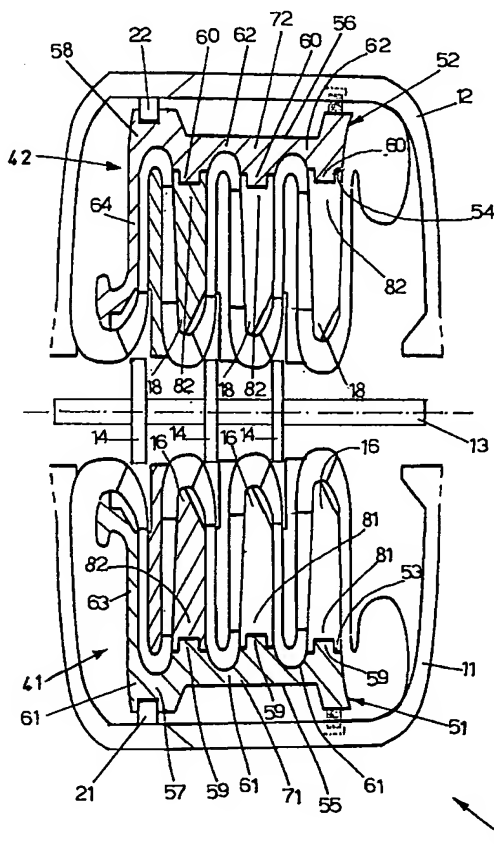
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(54) Title: **MULTISTAGE CENTRIFUGAL COMPRESSOR**



(57) Abstract: Multistage centrifugal compressor comprising at least one stage (10) which, in turn, comprises a lower half-tank (11), an upper half-tank (12), a series of lower half-diaphragms (16), a shaft (13) equipped with a series of rotors (14), a series of upper half-diaphragms (18), a lower suction half-diaphragm (51), an upper suction half-diaphragm (52), the lower suction half-diaphragm (51) and the upper suction half-diaphragm (52) include a portion (71) and a portion (72), respectively, suitable for being coupled with the lower half-diaphragms (16) and with the upper half-diaphragms (18), respectively, to form a first pile (41) of lower half-diaphragms (16) and a second pile (42) of upper half-diaphragms (18), respectively.



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